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(54) Title: HEAT-SEALABLE BIAXIALLY ORIENTED POLYPROPYLENE FILM HAVING IMPROVED BARRIER PROPERTIES (57) Abstract A multilayer, heat-sealable, biaxially oriented polypropylene film is described which is built up from a base layer and at least one heat-sealable top layer. The base layer comprises from 1 to 15% by weight of a resin having a mean molecular weight Mw of from 600 to 1500 and from 1 to 6% by weight of a wax having a mean molecular weight Mn of from 200 to 700. The n-heptane-insoluble content of the polypropylene of the base layer has a chain isotacticity index, measured by means of ¹³ C-NMR spectroscopy, of at least 95%. A process for the production of the film and the use of the film are likewise described.			